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h. Place on order long lead time equipment and material items and take such other actions as may be necessary to support the anticipated continuation of the program beyond the initial 4 1/2 month period."

3. All other terms, conditions and requirements of the contract remain unchanged.

4. Please indicate your receipt of this Amendment No. 1 to Letter Contract No. [redacted] and your acceptance thereof by executing the original and two copies hereof. Return the fully executed original and copy No. 3 to the undersigned and retain the remaining copy for your files. 25X1

Very truly yours,
THE UNITED STATES GOVERNMENT

By [redacted] 25X1

Contracting Officer

ACKNOWLEDGED AND ACCEPTED
THIS 24 DAY OF February, 1959.
MARQUARDT AIRCRAFT COMPANY

By [redacted] 25X1

Title Assistant Secretary

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GUS-0126
Copy 1 of 5

Contract No. [redacted] 25X1
Amendment No. 1
(File No. JM-1926)

Marquardt Aircraft Company
Van Nuys, California

FEB 17 1959

Gentlemen:

1. This document constitutes Amendment No. 1 to Contract No. [redacted] between the Marquardt Aircraft Company, Van Nuys, California, and the United States Government and said contract is amended as hereinafter set forth. 25X1

2. Paragraph A of Exhibit "A" is amended by deleting Item 1 in its entirety and in lieu thereof substitute the following new Item 1:

"Item 1 - Contractor shall perform the initial portions of a program of approximately 25 months duration leading to the successful completion of the flight suitability test of a ramjet engine to be defined in a specification to be agreed upon. The initial 4 1/2 months effort on the program shall include, but not be limited to, the following:

a. Perform initial performance analysis.
b. Prepare a tentative engine and control system specification.
c. Upon availability of the high pressure station of the gas dynamics facilities, AEDC, perform continuous model scale aerodynamics testing of the variable exit nozzle.
d. Perform approximately 3 standard weeks of large scale component combustion testing in Cell #3 of the Air Force Marquardt Jet Laboratory.
e. Initiate flight type engine design and construction. It is anticipated that approximately 80% of the design of the first flight type engine will be completed.
f. Initiate design and construction of the fuel and control system. It is contemplated that approximately 30% of the design and construction of the first breadboard fuel and control system will be completed during the period. 25X1
g. Initiate construction of the engine mock-up. It is contemplated that approximately 50% of the mock-up will be completed during the period.

1 - JM-1926
2 - Contractor
3 - Finance
4 - [redacted]
5 - Chrono

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